

09/914906

17. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):**

Search Report has been prepared by the EPO or JPO \$860.00

International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) ... \$670.00

No international preliminary examination fee paid to USPTO (37 C.F.R. 1.482) but
international search fee paid to USPTO (37 C.F.R. 1.445(a)(2)) \$760.00Neither international preliminary examination fee (37 C.F.R. 1.482) nor international
search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO \$970.00International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) and all
claims satisfied provisions of PCT Article 33(2)-(4) \$ 96.00**ENTER APPROPRIATE BASIC FEE AMOUNT =**

CALCULATIONS

PTO USE ONLY

\$ 860.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from
the earliest claimed priority date (37 C.F.R. 1.492(e)).

\$

Claims

Number Filed

Number
Extra

Rate

Total Claims

10 - 20 =

0

X \$18.00

\$

Independent Claims

1 - 3 =

0

X \$80.00

\$

Multiple Dependent Claims

\$270.00 +

\$

TOTAL OF ABOVE CALCULATIONS =

\$ 860.00

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also
be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28)

\$

SUBTOTAL =

\$ 860.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months
from the earliest claimed priority date (37 CFR 1.492(f)).

+

\$

TOTAL NATIONAL FEE =

\$ 860.00

Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property

+

\$

TOTAL FEES ENCLOSED =

\$ 860.00

Amount to be
refunded

\$

charged

\$

a. ☒ A check in the amount of \$860.00 to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A
duplicate copy of this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 501519. A duplicate copy of this sheet is enclosed.**NOTE:** Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must
be filed and granted to restore the application to pending status.**SEND ALL CORRESPONDENCE TO:**Schiff Hardin & Waite
Patent Department
6600 Sears Tower
Chicago, Illinois 60606-6473
Customer Number 26574

SIGNATURE

James D. Hobart

NAME

24,149

Registration Number

- 1 -

**IN THE UNITED STATES ELECTED OFFICE OF
THE UNITED STATES PATENT AND TRADEMARK OFFICE
UNDER THE PATENT COOPERATION TREATY - CHAPTER II**

PRELIMINARY AMENDMENT

5 APPLICANT: Günter Schiebel

ATTORNEY

DOCKET NO.: P01,0288

SERIAL NO.:

EXAMINER:

FILING DATE:

ART UNIT:

10 INTERNATIONAL APPLICATION NO.: PCT/DE00/00612

INTERNATIONAL FILING DATE: 1 March 2000

INVENTION: "DEVICE FOR FITTING A SUBSTRATE WITH A FLIP CHIP"

BOX PCT

15 Assistant Commissioner for Patents
 Washington, D.C. 20231

S I R:

 Please amend the above-identified International Application before entry
into the National Stage before the U.S. Patent and Trademark Office under 35 USC
371 as follows:

20 **IN THE SPECIFICATION:**

 Please replace substitute pages 1, 2, 2a, 3, 3a, 4 and 5 with the attached
Substitute Specification.

IN THE ABSTRACT:

25 Please replace the Abstract with the Abstract of the Disclosure on the
attached unnumbered page.

IN THE CLAIMS:

Please amend claims 1-5 on substitute pages 5 and 6 to read as follows:

5 --1. (Amended) A device for placing flip chips on a substrate in the form of a leadframe, the device comprising a movable placement head, which picks up the flip chips from a stock of components and places them on the substrate, the placement head being provided with a turning device for the flip chips, the placement head being provided with a multiplicity of grippers circulating in a turret-like indexed manner, the turning device being assigned to a stationary part of the placement head, the turning device taking one of the flip chips in a first holding station of the grippers and after turning the chip, returning the turned chip to one of the grippers in one of the downstream holding stations.--

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--2. (Amended) The device as claimed in claim 1, wherein the turning device has two pivotable holders, one of the two holders can be aligned with the first of the holding stations, and a second holder of the two holders can be aligned with a downstream one of the holding stations and wherein the two holders can be pivoted into a mutual transfer position, in which their ends, carrying the flip chip and projecting toward each other, are aligned with each other.--

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--3. (Amended) The device as claimed in claim 2, wherein the holders are designed as pivotably mounted suction pipettes, wherein the grippers are designed as suction grippers protruding radially from the placement head, wherein the holders have pivoting axes extending perpendicular to a turning plane of the grippers and being arranged on axial extensions of the grippers and wherein longitudinal axes of the holders and of the grippers are in line with one another during the transfer of the flip chips therebetween.--

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